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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/049,696	03/27/1998	PATRICIA A. BILLING-MEDEL	6067.US.O1	5914
23492	7590 12/17/2004		EXAM	INER
	EBERARDINE BORATORIES		MARTINEL	L, JAMES
	PARK ROAD		ART UNIT	PAPER NUMBER
DEPT. 377/AF	P6A		1631	
ABBOTT PAR	RK, IL 60064-6008		DATE MAILED: 12/17/2004	1

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)
	A SHORTENED STATUTORY PERIOD FOR RE THE MAILING DATE OF THIS COMMUNICATIO Extensions of time may be available under the provisions of 37 CFr after SIX (6) MONTHS from the mailing date of this communication If the period for reply specified above is less than thirty (30) days, a If NO period for reply is specified above, the maximum statutory pe Failure to reply within the set or extended period for reply will, by st. Any reply received by the Office later than three months after the m earned patent term adjustment. See 37 CFR 1.704(b). **Tatus** 1) Responsive to communication(s) filed on 3 2a) This action is FINAL. 2b) 7 3) Since this application is in condition for allocation of Claims 4) Claim(s) 33-38 and 40 is/are pending in the 4a) Of the above claim(s) is/are withe 5) 10 Claim(s) is/are allowed. 6) Claim(s) 33-38 and 40 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and pplication Papers 9) The specification is objected to by the Examination of the subject to the subject is/are: a) 10 is/are	09/049,696	BILLING-MEDEL ET AL.
Office Action Summary The MAILING DATE of this communication appears on the Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET THE MAILING DATE OF THIS COMMUNICATION Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no after SIX (6) MONTHS from the mailing date of this communication If the period for reply specified above is less than thirty (30) days, a reply within the start of the period for reply within the set of extended period for reply will, by statute, cause the analy reply received by the Office later than three months after the mailing date of this earned patent term adjustment. See 37 CFR 1.704(b). Status 1) Responsive to communication(s) filled on 30 August 200 and 20	Examiner	Art Unit	
		James Martinell	1631
		ears on the cover sheet with the c	correspondence address
THE MA - Extension after SIX - If the peri - If NO per - Failure to Any reply	ILING DATE OF THIS COMMUNICATION. as of time may be available under the provisions of 37 CFR 1.13 (6) MONTHS from the mailing date of this communication. od for reply specified above is less than thirty (30) days, a reply iod for reply is specified above, the maximum statutory period w reply within the set or extended period for reply will, by statute, received by the Office later than three months after the mailing	6(a). In no event, however, may a reply be tir within the statutory minimum of thirty (30) day ill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. (1) (35 U.S.C. § 133).
Status			
1)⊠ R€	esponsive to communication(s) filed on <u>30 Au</u>	<u>igust 2004</u> .	
•	<i>,</i> —	/	
CIC	osed in accordance with the practice under <i>E.</i>	x parte Quayle, 1935 C.D. 11, 4	53 O.G. 213.
Disposition	of Claims		
4)⊠ CI	aim(s) <u>33-38 and 40</u> is/are pending in the app	olication.	
4 a)	Of the above claim(s) is/are withdraw	n from consideration.	
5)∏ CI	aim(s) is/are allowed.		
-	• • • • • • • • • • • • • • • • • • • •		
8)∐ CI	aim(s) are subject to restriction and/or	election requirement.	
Application	Papers		
9) <u></u> The	e specification is objected to by the Examiner	:	
			Examiner.
Re	placement drawing sheet(s) including the correcti	on is required if the drawing(s) is ob	jected to. See 37 CFR 1.121(d).
11) Th	e oath or declaration is objected to by the Ex	aminer. Note the attached Office	Action or form PTO-152.
Priority und	ler 35 U.S.C. § 119		
12)	knowledgment is made of a claim for foreign	priority under 35 U.S.C. § 119(a)-(d) or (f).
· —	_ · · · · · · · · · · · · · · · · · · ·	have been received.	
2.[ion No.
3.[
	application from the International Bureau	(PCT Rule 17.2(a)).	-
* See	the attached detailed Office action for a list of	of the certified copies not receive	ed.
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	References Cited (PTO-892) Draftsperson's Patent Drawing Review (PTO-948)	4) Interview Summary Paper No(s)/Mail D	
3) 🔲 Informati	on Disclosure Statement(s) (PTO-1449 or PTO/SB/08) (s)/Mail Date		Patent Application (PTO-152)

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The indicated allowability of claim 40 is withdrawn in view of the newly discovered reference(s) to Tang et al (U.S. 2001/0025098). Rejections based on the newly cited reference(s) follow.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Claims 33-38 and 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tang et al (U.S. 2001/0025098). SEQ ID NOs: 18, 19, and 20 are contained within SEQ ID NO: 25 of Tang et al (U.S. 2001/0025098). See the alignments in Appendices A, B, and C of this Office action. None of SEQ ID NOs: 18, 19, or 20 has basis in parent application Serial No. 08/829,754, so the effective filing date of each of the instant claims is March 27, 1998. SEQ ID NO: 25 of Tang et al (U.S. 2001/0025098) has basis in Serial No. 09/039,307 (filed March 13, 1998) as SEQ ID NO: 24. In addition, Tang et al teaches the expression of the DNAs disclosed in Tang et al in heterologous hosts (*e.g.*, see paragraphs 0167-0182), thus meeting claims 35-37.Any inquiry concerning this communication or earlier communications from the examiner should be directed to James Martinell whose telephone number is (571) 272-0719. The fax phone number for Examiner Martinell's desktop workstation is (571) 273-0719. The examiner works a flexible schedule and can be reached by phone and voice mail. Alternatively, a request for a

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return telephone call may be e-mailed to <u>james.martinell@uspto.gov</u>. Since e-mail communications may not be secure, it is suggested that information in such requests be limited to name, phone number, and the best time to return the call.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Woodward, can be reached on (571) 272-0722.

FAX NUMBER

The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300. Any Official Communication to the USPTO should be faxed to this number.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to (571) 272-0547.

Patent applicants with problems or questions regarding electronic images that can be viewed in the Patent Application Information Retrieval system (PAIR) can now contact the USPTO's Patent Electronic Business Center (Patent EBC) for assistance. Representatives are available to answer your questions daily from 6 am to midnight (EST). The toll free number is (866) 217-9197. When calling please have your application serial or patent number, the type of document you are having an image problem with, the number of pages and the specific nature of the problem. The Patent Electronic Business Center will notify applicants of the resolution of the problem within 5-7 business days. Applicants can also check PAIR to confirm that the problem has been corrected. The USPTO's Patent Electronic Business Center is a complete service center supporting all patent business on the Internet. The USPTO's PAIR system provides Internet-based access to patent application status and history information. It also enables applicants to view the scanned images of their own application file folder(s) as well as general patent information available to the public.

For all other customer support, please call the USPTO Call Center (UCC) at 800-786-9199.

James Martinell, Ph.E Primary Examiner

Art Unit 1631

10 GRAATCACAGGAGATGTACACATGGGGCCATTTAAGATTCTGTGTTCATCTTGATT 69 61 CTTCACCTTCTAGAAGGGCCCTGAGTAATTCACTCATTCAGCTGAACAACAATGGCTAT 120 70 CTTCACCTTCTGAAGGGCCCTGAGTAATTCACTCATTCAGCTGAACAACAATGGCTAT 129 121 GAAGGCATTGTCGTTGCAATCGACCCCAATGCCAGAAAGAA	0 0 0 0 0 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6
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1	NESULT 2 US-09-813-156-25 Sequence 25. Application US/09821356 Patent No. US2001052089a1 Sequence 25. Application US/09821356 Patent No. US2001052089a1 Patent No. US2001052089a1 APPLICANT: Tang, Y. Tom APPLICANT: Day Detection APPLICANT: Gargler, Karl J. APPLICANT: Gargler, Karl J. APPLICANT: Gargler, Karl J. APPLICANT: Shah, Purvin Nariah R. APPLICANT: Shah, Purvin R. APPLICANT: Shah, Purvi

2221 2230 2281 2281 2350 2411 2410	Oy 2461 GCTCTCALCCAAAGGAAGCCAACTCTGAGGAAGTCTTTTGTTTAAACCAGAAAACTT 2529	2641 2650 2701 2710	OY 2761 ATAGCCTAGGGCTGAATTTTTGTCAGATAAATAAATAAAT	US-09-981-353-191 Sequence 191, Application US/09981353 Patent No. US20020160382A1 GENERAL INFORMATION: APPLICANT: Lasek, Amy W. APPLICANT: Jones, David A. TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER	FILE REFERENCE: PA-0038 US CURRENT APPLICATION NUMBER: US/09/981,353 CURRENT FILING DATE: 2001-10-11 NUMBER OF SEQ ID NOS: 194 SOFTWARE: PERL Program SEQ ID NO 191 LENGTH: 3111 TYPE: DNA	ORGANISM: Homo sapiens FEMTURE: NAME/KEY: misc_feature OTHER INFORMATION: Incyte ID No. US20020160382A S-09-981-353-191 Query Match 100.0%; Score 2812; DB	2812; Conservative 0; Mismatches 1 GAAATCACAGGAAATGTACAGCAATGGGGCCATTT 10 GAAATCACAGGGACATGTACAGCAATGGGGCCCATTT 61 CTTCACTTCTAGAAGGGGCCCTGAGTAATTCACTC 61 CTTCACTTCTAGAAGGGGCCCTGAGTAATTCACTC
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CURRENT FILING DATE: 2001-03-30
PRIOR PILING DATE: 1998 March 13
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PROBRAM
SEQ ID NO 25
LENGTH: 3111 US/09823356 Yue, Henry Corley, Neil C. Guegler, Karl J. Kaser, Matthew R. Baughn, Mariah R. Shah, Purvi APPLICANT: Tang, Y. Tom APPLICANT: Bandman, Olga APPLICANT: Lal, Preeti APPLICANT: Hillman, Jennifer Query Match Best Local Similarity 100.0 Matches 1683; Conservative Sequence 25, Application Us Patent No. US20010025098A1 GENERAL INFORMATION: TYPE: DNA ORGANISM: Homo sapiens GTA 1683 GTA 2846 US-09-823-356-25 APPLICANT: APPLICANT: APPLICANT: 2604 APPLICANT: 2424 2484 2544 2664 1561 2724 1681 2364 1261 1441 1501 1321 1381 APPLICANT: RESULT ઠે 8 δ g õ g à q ò g ∂ g ò 셤 ò 1140 2003 2063 2244 ACAAGTATATCATTCGAATAAGTACAAGTATTCTTGATCTCAGAGACAAGTTCAATGAAT 2303 1763 CTCTTCAAGTGAATACTACTGCTCTCATCCCAAAGGAAGCCAACTCTGAGGAAGTCTTTT 1200 1201 TGTTTAAACCAGAAAACATTACTTTTGAAAATGGCACAGATCTTTTCATTGCTATTCAGG 1260 CTACCCTGCCTCCAATTACAGTGACTTCCAAAACGAACAAGGACACCCGCAGCAAATTCCCCA 1703 .284 ATGGCCTCATTGATGCTTTTGGGGCCCCTTTCATCAGGAAATGGAGCTGTCTCTCTGGGGCT 1343 1344 ccarccascrreasastraasssarraacccrccasaacasccasrsarsaarssarsaars 900 9 780 900 960 420 720 300 240 GCAGTCTCATTAATCTGACTTGGACAGCTCCTGGGGATGATTATGACCATGGAACAGCTC 1704 GCCCTCTGGTAGTTTATGCAAATATTCGCCAAGGAGCCTCCCCCAATTCTCAGGGCCAGTG TGTGTTTCAGCAGAACATCCTCGGGAGGCTCATTTGTGGCTTCTGATGTCCCAAATGCTC 1524 AAAACACCAAAATGGCCTACCTCCAAATCCCAGGCATTGCTAAGGTTGGCACTTGGAAAT <u> ACAGTCTGCAAGCAAGCTCACAAACCTTGACCCTGACTGTCACGTCCCGTGCGTCCAATG</u> CTACCCTGCCTCCAATTACAGTGACTTCCAAAACGAACAAGGACACCAGCAAATTCCCCA GAGCAGGTGCTGATGCTACTAAGGATGACGGTGTCTACTCAAGGTATTTCACAACTTATG ACACGAATGGTAGATACAGTGTAAAAGTGCGGGCTCTGGGAGGAGTTAACGCAGCCAGAC AAATACAATGGAATCCACCAGGACCTGAAATTAATAAGGATGATGTTCAACACAGGAAG rererrrcaecagaacarecreeseaecrearrrereserrerearerecrearecre CCATACCTGATCTCTTCCCACCTGGCCAAATCACCGACCTGAAGGCGGAAATTCACGGGG CCATACCTGATCTCTCCCACCTGGCCAATCACCGACCTGAAGGCGGAAATTCACGGGG GCAGTCTCATTAATCTGACTTGGACAGCTCCTGGGGATGATTATGACCATGGAACAGCTC ACAAGTATATCATTCGAATAAGTACAAGTATTCTTGATCTCAGAGACAAGTTCAATGAAT 361 AAAACACCAAAATGGCCTACCTCCAAATCCCAGGCATTGCTAAGGTTGGCACTTGGAAAT GCCCTCTGGTAGTTTATGCAAATATTCGCCAAGGAGCCTCCCCAATTCTCAGGGCCAGTG TCACAGCCCTGATTGAATCAGTGAAAAAACAGTTACCTTGGAACTACTGGATAATG ATGGCCTCATTGATGCTTTTGGGGCCCCTTTCATCAGGAAATGGAGCTGTCTCTCAGCGCT TGATCGTGGACAGCACCGTGGGAAAGGACACTTTGTTTCTTATCACCTGGACAACGCAGC 2304

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Query Match
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2983; Conservative 0; Mismatches 0; Indels 0;

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	11: /cgn2_6/prodata/1/pubpna/US09C_PUBCOMB.seq:*	<pre>; Sequence 25, Application US/09823356 ; Patent No. US/0010025098a1</pre>	
	12: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq:*	; GENERAL INFORMATION:	
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	15: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.geq:*	; APPLICANT: Lal, Preeti	
	17: /cgn2 6/ptodata/1/pubpna/US10E_PUBCOMB.seq:* 17: /cgn2 6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*	; APPLICANT: Hillman, Jennifer L.	
•	18: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*	; APPLICANT: Corley, Neil C.	
	20: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*	; APPLICANT: Guegler, Karl J. ; APPLICANT: Kaser, Matthew R.	
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Regult		; PRIOR APPLICATION NUMBER: 09/039,307	
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;		; NOMBER OF SEQ ID NOS: 34 ; SOFTWARE: PERL Program	
2 2983	3111 9 US-09-823-356-25 3111 9 US-09-981-353-191	; SEQ ID NO 25	
	3111 15 US-10-235-994-25	; TYPE: DNA	
	99.6 3007 14 US-10-055-412B-27 Sequence 27, Appl	; ORGANISM: Homo sapiens ; FEATURE:	
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	3311 13 US-10-025-380-1056	; UTHEK INFORMATION: Incyte ID No. US20010025098A; US-09-823-356-25	1737775
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		Description	Semience 25. Annl	Seminary 191	Sequence 25, Appl	Semence 22 Ann	Semience 77 April	Semience 1056 An	Semience 1056 An	Semience 1056 An	Semience 11 April	Semience 12 April	Sections 46 April	Semience 47 and	Sequence 11, Appl
SUMMARIES		ID	US-09-823-356-25	US-09-981-353-191	US-10-235-994-25	US-09-764-868-22	US-10-055-412B-27	US-09-922-217-1056	US-09-833-263-1056	US-10-025-380-1056	US-10-393-590-11	US-10-393-590-12	US-10-393-590-46	US-10-393-590-47	US-10-393-567-11
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15 US-10-393-567-12	15 US-10-393-567-46	15 US-10-393-567-47						15 US-10-106-698-351						16 US-10-305-720-850		15 US-10-235-994-15	15 US-10-345-680-31	17 US-10-482-669-6	15 US-10-087-080-33	13 US-10-025-167-16	13 US-10-025-167-18	17 US-10-482-669-2	5 US-10-345-68	9 US-09-989-722-378	US-09-989-7	US-09-989-27	ns-	-sn	US-09-989-732-	US-09-991-0	US-09-990-442-
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99.4	99.4	99.4	99.4	99.4	99.4	99.4	94.8	94.3	93.7	92.0	83.4	83.4		50.7				43.9	43.9	43.9	٠	43.8	43.8	43.7	43.7	43.7	43.7	•	43.7	43.7	43.7
2966.2	2966.2	2966.2	2966.2	2966.2	2966.2	2966.2	2828.4	2814.2	2793.6	2743	2489.2	2489.2	1764	1512	1310.2	1310.2	1310.2	1310.2	1310.2	1308.6	1308.6	1307.8	1307.8	1304	1304	1304	1304	1304	1304	1304	1304
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; OTHER INFORMATION: Incyte ID No. US20020160382A1 1737775CB1
US-09-981-353-191
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Fatent No. US20020160382A1
GENERAL INPORMATION:
APPLICANT: Lasek, Amy W.
APPLICANT: Jones, David A.
TITLE OF INVENTION: GENES EXPRESSED IN COLON CANFILE REFERENCE: PA-0038 US
CURRENT APPLICATION NUMBER: US/09/981,353
CURRENT FILING DATE: 2001-10-11
NUMBER OF SEQ ID NOS: 194
SOFTWARE: PERL Program
SEQ ID NO 191
LENGTH: 3111
TYPE ID NO 191
CREATURE: FEATURE: FEATURE: FEATURE:
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